

PTO/SB/08A (10-01)
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Substitute for form 1446A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	09/990,923
Filing Date	11/16/2001
First Named Inventor	LAKIN
Art Unit	2817
Examiner Name	Summons, Barbara
Attorney Docket Number	

U.S. PATENT DOCUMENTS

Class/Subclass

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code 3 - Number 4 - Kind Code 6 (if known)				

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**Examiner
Signature**

Barbara Sumner

Date Considered

6/15/03

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

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Application Number 09/990,923
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First Named Inventor LAKIN
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Examiner Name Summons, Barbara
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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		US- 5,894,647		04-20-1999	Lakin	
		US- 3,694,677		09-26-1972	Guttwein et al.	
		US- 3,414,832		12-03-1968	Newell	
		US- 5,371,268		12-13-1994	Dworsky et al.	
		US- 5,821,833		10-13-1998	Lakin	
		US- 6,291,931		09-18-2001	Lakin	
		US- 3,568,108		03-02-1971	Poirier	
		US- 4,349,796		09-14-1982	Chin et al.	
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		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)				

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